

Saving hotels in the UAE

**4 billion  
litres of water**

per year\*

Dramatically reduce consumption of water and energy in your hotel laundry with Hydrofinity

The logo for Hydrofinity features the word "Hydro" in blue and "finity" in green. A stylized circular icon with a central dot is positioned between the two words. A trademark symbol (TM) is located at the top right of the word "finity".

**Hydro  
finity™**

Sustainable  
Fabric Care Technologies  
from Xeros

\*based on 450 hotels in the UAE using four machines to wash linens.

Hydrofinity operates in 5 of the 7 continents. Some of the world's top hotel groups are

## Property Savings

HYATT® Reston, VA

No. of Hydrofinity Machines:  
**3x 25kg**

Total Savings per year:  
**AED 151,843\***

Water Savings per year:  
**5.3 million litres**

Hydrofinity technology is truly amazing!

Equally impressive is the company behind it. They have absolutely delivered on promises of savings and superior performance.

DAVID EISENMAN General Manager, Hyatt Regency Reston

### Save water

A Hydrofinity system uses up to **80% less** water than a traditional machine. On average, a 250-bed hotel in UAE will **save 2.2 million litres** of water every year by installing just one Hydrofinity system.

### Reduce energy consumption

The system requires lower water temperatures to run, so it can use **up to 50% less electricity** than a conventional machine (depending on ambient water temperature). With ever-increasing electricity costs, this translates into real cash savings for operators.

### Achieve market-leading results

Award-winning Hydrofinity technology is proven to **remove tough stains**, including make-up, food and blood, often in just one wash. Customers report **softer, fluffier towels, whiter linens, and crisper table cloths** after switching to the unique system.

### Save money

Whilst **lowering water bills**, the system also reduces energy, detergent and maintenance costs. Indirect savings include linen replacement & staff costs. Less pre-treating & sorting frees up staff.

### Extend linen life

**Lower temperatures and less detergent** means reduced shrinkage & less wear and tear on your expensive sheets and towels.

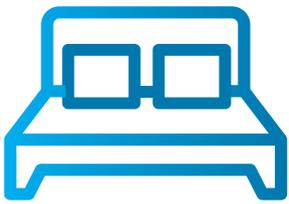
### A complete laundry solution

The unique package means there is no longer a need for multiple suppliers. Hydrofinity provides you with the **XOrbs™ and maintenance** you need.

# What savings can Hydrofinity offer in United Arab Emirates?

Hydrofinity systems can reduce annual water consumption per guest room by up to

**24,000 litres**



Dubai has

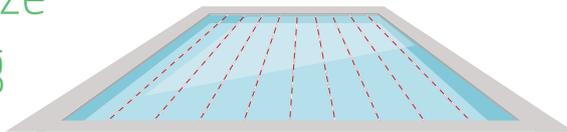
**100,000  
hotel rooms**

## Imagine..

If each of those hotels used Hydrofinity technology...

That's enough water to fill...

**960**  
olympic-size  
swimming  
pools



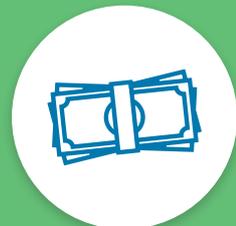
## Average Savings



An average  
250-bed  
hotel  
could save:



Up to 8.8 million  
litres of water



**AED 123,000**  
on water bills

**PER YEAR**  
with 4 machines

# United Arab Emirates Launch

In 2017, the Hydrofinity system became available in the UAE. The demand in this region is extremely high due to the ever increasing number of hotel rooms and the UAE being among the world's 10 most arid states.

**Water shortages are now a 'huge concern'** for the UAE, said Energy Minister Suhail Al Mazrouei in 2018. He stated that every member of society

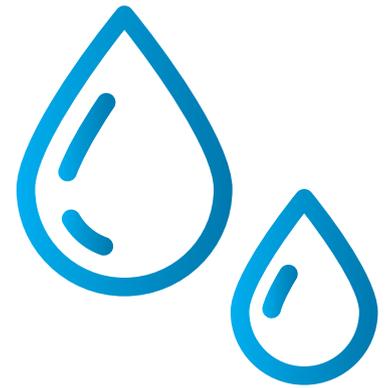
must play their part in reducing the amount of water they consume.

**Play your part.**

Switch to a Hydrofinity system today.

“Water is more important than oil for the UAE.”

HIS HIGHNESS GENERAL SHEIKH MOHAMMED BIN ZAYED AL NAHYAN

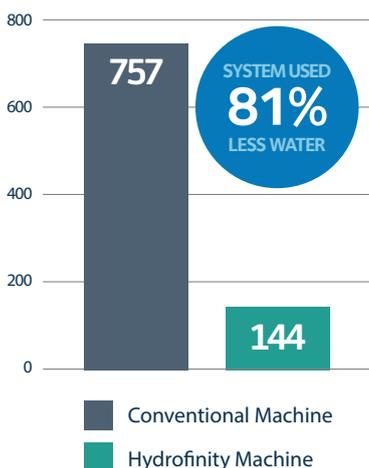


## Water Usage Comparisons

Hotels that switched from a conventional to a Hydrofinity system

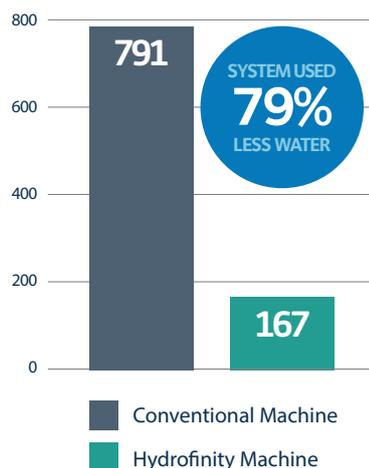
WASH CYCLE COMPARISON AT A HILTON SITE:

WATER PER CYCLE (LITRES)



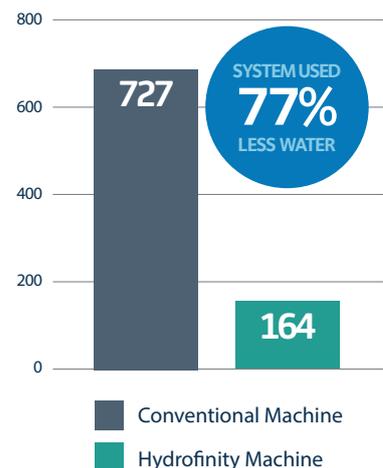
WASH CYCLE COMPARISON AT A HYATT SITE:

WATER PER CYCLE (LITRES)



WASH CYCLE COMPARISON AT A MARRIOTT SITE:

WATER PER CYCLE (LITRES)



# Product Range

## Washing Extractors

36kg & 20kg capacity models



### Product Features:

- Patented polymer washing system
- High speed extract
- Large, easy-to-load drum
- Easy-to-clean lint filter
- Soft mount design
- Powerful data capturing capabilities
- HMI touch screen and customised software

### Specifications:

	36kg	20kg
Cylinder Size	Ø99cm x 66cm	Ø81cm x 52cm
Cubic Content	508 Litres	272 Litres
Water Inlets (2)	Ø3/4" BSPT	Ø3/4" BSPT
Drain	90mm O.D.	57mm
Drive System	Inverter / Variable Frequency Drive	Inverter / Variable Frequency Drive
High Extract	Up to 750RPM	Up to 810RPM
G-Force	Up to 311G	Up to 294G
Circuit Breaker	25A Steam, 50A Electric	32A
Control	7" Touch Screen	7" Touch Screen
Programs	Up to 50	Up to 25
Dimensions	W1.32m x D1.54m x H2.17m	W1.16m x D1.44m x H1.55m
Net Weight	1,904kg	1,120kg

### Benefits:

up to  
**80%**  
less water

up to  
**50%**  
less chemicals

up to  
**50%**  
less energy

up to  
**83%**  
less carbon

# Our Aftercare Service

## The Hydrofinity Care Package

Hydrofinity packages include an innovative and worry-free aftercare solution, available exclusively through our regional partners



## Benefits of the Hydrofinity Care Package

The Hydrofinity Care Package is tailored to your requirements, and benefits can include:

- Receive all XOrbs™, training and warranties as part of the package
- One supplier for XOrbs™ and maintenance - no managing multiple suppliers
- Reduced downtime through preventative maintenance
- Optimised wash cycles
- Next-day service call outs
- A named contact at our Partner's company for training, support and marketing materials
- Support from a reliable, sustainability-focused local partner

## Other Services

Innovative, cloud-based laundry monitoring solution that provides real-time monitoring in a browser - on any smartphone, tablet and computer. We manage your results, with a focus on continual optimisation and improvement.



### How the XCONNECT Portal benefits customers:

- **Accurately** monitors equipment usage, showing water & electricity consumption
- Graphically displays accurate water **savings**
- **Eliminates** paper trails
- **Reduces labour costs** and downtime by tracking ongoing operations
- Helps identify potential issues **before they occur**

### Hydrofinity Dosing Pump

- Accurately manages detergent dosing to **reduce over-usage**
- Health & Safety: **Eliminates risk** of spillages due to staff manually dosing chemicals
- **Actively monitored & adjusted** by our Partner in your region to ensure optimal results

# FAQs

## Can a Hydrofinity Cleaning System save me money?

Absolutely! The Hydrofinity system uses significantly less water, detergent and energy compared to a conventional washing system. The more you use the Hydrofinity machine, the more money you will save.

## How soon will I see a Return on Investment?

Many of our customers have seen a return on investment in as little as 18 months. This will vary from site to site, but we can create a personalised projection for each customer.

## As well as saving money and being good for the environment, what other benefits does the Hydrofinity system offer?

The system provides superior cleaning, especially on difficult to remove greasy stains. Because cleaning is carried out at lower temperatures and uses less chemistry, it is kinder on your linens too.

## How will I know how much water I am saving?

You will receive regular reports from us showing your water consumption. The Hydrofinity system uses up to 80% less water than conventional systems, so you can expect to see significant savings!

## How are XOrbs™ removed from linens after washing?

XOrbs™ are removed from the load during the separation cycle of the wash programme - both the spheres themselves and our cycles have been specially designed for this separation process.

## Are XOrbs™ recyclable?

Yes! Sustainability is our core principle. XOrbs™ are replaced after around a thousand washes but never end up in landfill - they are collected by Hydrofinity and reused or recycled.

## Do the XOrbs™ damage linens and towels?

No - in fact quite the opposite! XOrbs™ have a gentle tumbling action so there is less creasing. The Hydrofinity system also requires lower temperatures and less detergent, so items look new for longer.

## Can I use beads other than XOrbs™ in my Hydrofinity machine?

No, you shouldn't put anything other than XOrbs™ in Hydrofinity machines - they represent the culmination of years of careful research & development in the laboratories of parent company XTG, and their specification is perfectly suited to the machine itself.



Cracked mud in the desert near Al Ain  
in the emirate of Abu Dhabi, United Arab Emirates

## Water Desalination Plant of Dubai



For further information, a survey or quote,  
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